

Will Germany relaunch smart metering?

The German government has adopted a draft law to restart the digitalisation of the energy transition and accelerate the rollout of smart metering.

How many smart metering points are there in Germany?

Germany has approximately 50.7 million metering points, of which fewer than 20% are smart metered so far, with legal uncertainties and bureaucratic procedures among the factors attributed for the delays. The German government has adopted a draft law to restart the digitalisation of the energy transition and accelerate smart metering.

Can smart metering systems be installed in Germany?

In its general decree published in 2020 to determine the technical feasibility of installing smart metering systems, the German Federal Office for Information Security (BSI) certified the smart metering systems of three independent manufacturers regarding data protection, data security and interoperability.

Is Germany a laggard in smart metering?

In terms of SMGW rollout, Germany has so far been among the laggards in Europe. In Germany, around 160,000 of over 50 million metering locations were equipped with smart metering systems by 2021.

What is the smart meter law in Germany?

In 2016 the law set the start signal for smart grids, smart meter and smart home in Germany. Most important elements of the act are the obligation for the smart meter rollout with a pre-defined pricing model according to consumption and regulation as regards data communication and security (see chapter 6.2).

How are Smart Meter Gateways regulated in Germany?

In German legislation the use of smart meters and smart meter gateways is regulated by the Measuring Point Operating Act (Messstellenbetriebsgesetz, MsBG). The MsBG is a national law regulating the use of smart meter gateways uniformly for all German federal states.

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The German government has adopted a draft law to restart the digitalisation of the energy transition and accelerate the rollout of smart metering. The law, which enters into force in the Spring of 2023, enables large scale smart metering rollout to start immediately before becoming mandatory from 2025 and provides a roadmap with binding ...

The German energy transition encompasses several aspects: the nuclear phase-out until the end of 2022, a renewable energy share of 65 percent by 2030, a reduction of greenhouse gas emissions by 55 percent by 2030, the coal phase-out until the end of 2038 and finally climate neutrality by 2050.¹

Die STILL Smart Energy Unit (SEU) vernetzt Ihre stationären Ladegeräte kabelgebunden und stellt die effiziente Energieverteilung sicher. So werden Ladestände analysiert, Kapazitäten geplant und Ladevorgänge priorisiert.

German network operator Netze BW is partnering to pilot the transmission of heat submetering data via the smart meter gateway. In partnership with the real estate billing service provider Minol Zenner and metering system developer aktiver EMT, Netze is planning to pilot the submetering solution with housing industry customers in the state of ...

Germany-headquartered and Shell-owned sonnen has announced that its virtual power plant (VPP) has reached capacity of 250MWh, claimed to be the largest in Europe to date. The VPP consists of tens of thousands of sonnenBatteries throughout Germany, states sonnen, which are intelligently controlled and can be used as large-scale storage.

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The objective of the German E-Energy/Smart Grids 2.0 Standardization Roadmap is to illustrate necessary prerequisites for the implementation and investment security of smart grids in order to completely exhaust potential resulting from the energy revolution in energy supply for energy producers, consumers and electrical grid operators and to ...

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save energy, increase energy efficiency, facilitate business processes, and; control networks more efficiently. Germany substantiated the European aims in the so-called "Meseberger Beschlüssen"; in

2007 and implemented and adapted the measures adopted in subsequent amendments of the Energy Act.

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